

1 **IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

2 Serial No. 10/764,345
3 Filing Date 1/23/2004
4 Confirmation No. 5777
5 Inventorship Tie Liu
6 Applicant Microsoft Corporation
7 Group Art Unit
8 Examiner
9 Attorney's Docket No. MS1-1811US
10 Title: Watermarking via Quantization of Rational Statistics of Regions

11 **INFORMATION DISCLOSURE STATEMENT**

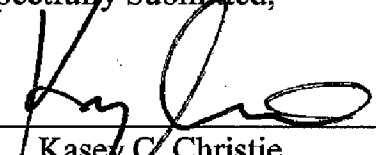
12 *References -- See Attached Form PTO-1449*

13 **REMARKS**

14 The citations listed, copies attached, are submitted in compliance with the
15 duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make
16 these citations of official record in this application.
17

18 Date: 1-9-06

19 Respectfully Submitted,

20 By: 
21 Kasey C. Christie
22 Reg. No. 40559
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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/764,345
		Filing Date	1/23/2004
		First Named Inventor	Tie Liu
		Art Unit	
		Examiner Name	
Sheet 1 of 2	Attorney Docket Number	MS1	1811US

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 20020126872	9/12/2002	Brunk, Hugh L.; et al.	
		US- 20030056101	3/20/2003	Epstein, Michael	
		US- 5802518	9/1/1998	Karaev et al.	
		US- 6,477,276	11/5/2002	Inoue, et al.	
		US- 6,546,114	4/8/2003	Venkatesan, et al.	
		US- 6,574,348	6/3/2003	Venkatesan, et al.	
		US- 6,671,407	12/30/2003	Venkatesan, et al.	
		US- 6522767	2/18/2003	Moskowitz et al.	
		US- 6532541	3/11/2003	Chang, et al.	
		US- 6625295	9/23/2003	Wolfgang, et al.	
		US- 6647128	11/11/2003	Rhoads	
		US- 6674861	1/6/2004	Xu, et al.	
		US- 6701014	3/2/2004	Syeda-Mahmood	
		US- 6768809	7/27/2004	Rhoads, et al.	
		US- 6799158	9/28/2004	Fischer, et al.	
		US- 6839673	1/4/2005	Choi, et al.	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	/Dante Ravetti/	Date Considered	07/14/2009
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Kesal, et al., "Iteratively Decodable Codes for Watermarking Applications" Proceedings of the Second Symposium on Turbo Codes and Their Applications France September 2000 4 pages.	
		Lin et al., "A Robust Image Authentication Method Distinguishing JPEG Compression from Malicious Manipulation", IEEE Transactions, Feb. 2001, Volume 11, No. 2, pp. 153-168	
		Schneider et al., "A Robust Content Based Digital Signature for Image Authentication", Proceedings, International Conference, Sept. 1996, Vol. 3, pp. 227-230	
		B. Chen and G. W. Wornell, "Digital watermarking and information embedding using dither modulation," Proc. IEEE Workshop on Multimedia Signal Processing, Redondo Beach, CA, pp. 273-278, Dec. 1998.	
		F. A. P. Petitcolas and R. J. Anderson, "Evaluation of copyright marking systems," Proceedings of IEEE Multimedia Systems'99, vol. 1, pp. 574-579, 7-11 June 1999, Florence, Italy.	
		I. J. Cox, J. Killian, T. Leighton, and T. Sharnoon, "A secure robust watermark for multimedia," Information Hiding Workshop, University of Cambridge, pp. 185-206, 1996.	
		J. Dittman, M. Stabenau and R. Steinmetz, "Robust MPEG video watermarking technologies," Proceedings of ACM Multimedia '98, The 6th ACM International Multimedia Conference, Bristol, England, pp. 71-80.	
		M. D. Swanson, B. Zhu and B. Chau, "Object based transparent video watermarking," Proceedings of IEEE Signal Processing Society 1997 Workshop on Multimedia Signal Processing, June 23 - 25, 1997, Princeton, New Jersey, USA.	
		M. K. Mihçak and R. Venkatesan, "A tool for robust audio information hiding: A perceptual audio hashing algorithm," submitted to Workshop on Information Hiding, Pittsburgh, PA, 2001.	
		T. Kalker and J. Haitisma, "Efficient detection of a spatial spread-spectrum watermark in MPEG video streams," Proc. IEEE ICIP, Vancouver, Canada, September 2000.	

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